

LISTING OF CLAIMS:

1. (Canceled)

2. (Currently amended) A waste heat utilizing system according to ~~claim 1~~claim 21, wherein the outside driving source is the internal combustion engine.

3. (Original) A waste heat utilizing system according to claim 2, further comprising an on-and-off means provided between the power transmitting means and the compressor device for intermittently transmitting the driving force from the power transmitting means to the compressor device.

4. (Currently amended) A waste heat utilizing system according to one of ~~claims 1 through 3~~claim 21, claim 2, and claim 3, further comprising a one-way clutch provided between the expansion device and the compressor device for transmitting the driving force from the expansion device to the compressor device.

5. (Currently amended) A waste heat utilizing system according to one of ~~claims 1 through 3~~claim 21, claim 2, and claim 3, further comprising a one-way clutch provided between the power transmitting means and the compressor device for transmitting the driving force from the power transmitting means to the compressor device.

6. (Canceled)

7. (Currently amended) A waste heat utilizing system according to one of ~~claims 1 through 3~~ claim 21, claim 2, and claim 3, further comprising an electric rotating machine which can be operated as both an electric motor and an electric power generator, wherein the electric rotating machine is operatively connected to the compressor device.

8-10 (Canceled)

11. (Currently amended) A waste heat utilizing system according to ~~claim 10~~ claim 22, wherein the power transmitting means comprises at least one of the following components:

a pulley operatively connected to the internal combustion engine and rotationally driven by the same; and

an electric rotating machine having both functions of an electric motor for generating a rotational driving force and an electric power generator for generating electric power when driven by the outside driving source.

12. (Canceled)

13. (Original) A waste heat utilizing system according to claim 11, wherein the expansion device is operatively connected to the electric rotating machine of the power transmitting means, and the electric rotating machine will be operated as the electric power

generator when the driving force generated at the expansion device is applied to the electric rotating machine.

14. (Currently amended) A waste heat utilizing system according to ~~one of claims 10 to 13~~claim 22, further comprising a first on-and-off means provided between the power transmitting means and the compressor device for intermittently transmitting the driving force from the power transmitting means to the compressor device, wherein the first on-and-off means is turned to its off-state when the driving force of the expansion device is transmitted to the compressor device.

15. (Currently amended) A waste heat utilizing system according to one of ~~claims 10 to 15~~claim 22, claim 11, claim 13, and claim 14, further comprising a second on-and-off means provided between the expansion device and the compressor device for intermittently transmitting the driving force from the expansion device to the compressor device, wherein the second on-and-off means is turned to its off-state when the driving force of the waste heat collecting cycle is not operated.

16. (Currently amended) A waste heat utilizing system according to ~~claim 10~~claim 22, wherein the power transmitting means comprises:

a pulley operatively connected to the internal combustion engine and rotationally driven by the same; and

an electric rotating machine having both functions of an electric motor for generating a rotational driving force and an electric power generator for generating electric power when driven by the outside driving source,

wherein the compressor device, the pulley and the electric rotating machine are operatively connected to each other by a power distributing and transmitting means, which distributes and transmits the driving force from the expansion device to the compressor device and to the electric rotating machine.

17. (Currently amended) A waste heat utilizing system according to ~~claim 10~~claim 22, wherein the power transmitting means comprises:

a pulley operatively connected to the internal combustion engine and rotationally driven by the same; and

an electric rotating machine having both functions of an electric motor for generating a rotational driving force and an electric power generator for generating electric power when driven by outside driving source,

wherein the compressor device, the pulley and the electric rotating machine are operatively connected to each other by a power distributing and transmitting means, which distributes and transmits the driving force from the pulley to the compressor device and to the electric rotating machine.

18-20 (Canceled)

21. (Currently amended) A waste heat utilizing system for an automotive vehicle comprising:

a waste heat collecting cycle for collecting waste heat from an internal combustion engine and having an expansion device for generating rotational driving force from the collected waste heat;

a refrigerating cycle having a compressor device for compressing a refrigerant; and
a power transmitting means driven by an outside driving source and operatively connected to the compressor device to rotationally drive the same, wherein

the expansion device is operatively connected to the compressor device to rotationally drive the same.~~The waste heat utilizing system according to claim 1, wherein~~

the waste heat collecting cycle has the expansion device, a condenser, an electrically-driven refrigerant pump, and a heating device, ~~and wherein~~

the internal combustion engine is ~~the water-cooled type~~water-cooled and has a passage of the engine coolant for the heating device and an electrically-driven water pump being placed in the passage to supply the engine coolant to the heating device, ~~and wherein~~

the waste heat utilizing system further comprises a control unit which operates both the electrically-driven water pump and the electrically-driven refrigerant pump to operate the waste heat collecting cycle when the internal combustion engine is stopped.

22. (Currently amended) A waste heat utilizing system for an automotive vehicle comprising:

a waste heat collecting cycle for collecting waste heat from an internal combustion engine and having an expansion device for generating rotational driving force from the collected waste heat;

a refrigerating cycle having a compressor device for compressing a refrigerant; and
a power transmitting means driven by an outside driving source and operatively
connected to the compressor device to rotationally drive the same, wherein

the expansion device is operatively connected to the compressor device to rotationally
drive the same.~~The waste heat utilizing system according to claim 10, wherein~~

the waste heat collecting cycle has the expansion device, a condenser, an electrically-driven refrigerant pump, and a heating device, ~~and wherein~~

the internal combustion engine is ~~the water-cooled type~~water-cooled and has a passage of the engine coolant for the heating device and an electrically-driven water pump being placed in the passage to supply the engine coolant to the heating device, and ~~wherein~~

the waste heat utilizing system further comprises a control unit which operates both the electrically-driven water pump and the electrically-driven refrigerant pump to operate the waste heat collecting cycle when the internal combustion engine is stopped.